



## Erratum to: Studies of Energy Use Efficiency on Fruit Production

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Unfortunately, Tables 1 and 2 of this article contain errors.  
The corrected tables are given below.

**Table 1** Energy use efficiency indicators in fruit production<sup>a,b</sup>

Product	Yield (kg ha <sup>-1</sup> )	Energy input (MJ ha <sup>-1</sup> )	Energy output (MJ ha <sup>-1</sup> )	Energy use efficiency	Energy productivity (kg MJ <sup>-1</sup> )	Specific energy (MJ kg <sup>-1</sup> )	Net energy (MJ ha <sup>-1</sup> )
Almond	516.96	57,027.13	35,235.14	0.62	–	110.31	–21,791.99
Apricot	6,909.90	28,647.03	35,462.84	1.24	0.24	–	6,815.81
Apple	20,773.93	42,819.25	49,857.43	1.16	0.49	2.06	7,038.18
Banana	51,592.04	51,560.05	98,024.88	1.90	1.00	0.99	46,464.83
Cherry	24,632.30	48,667	46,801	0.96	0.51	–	–1,866
Grape	27,450	37,488	323,910	8.64	0.73	1.36	286,422
Kiwifruit	24,547.29	30,285.62	46,639.85	1.54	0.81	1.23	16,354.23
Lemon	35,000	62,977.87	66,500	1.06	–	–	3,522.13
Mandarin	30,000	48,838.17	57,000	1.17	–	–	8,161.83
Mulberry	10,104.14	6,690.46	37,627.84	5.62	0.66	1.51	30,937.37
Nectarin	28,868.70	40,275.24	54,850.66	1.36	0.71	1.39	14,575.66
Orange	40,000	60,949.69	76,000	1.25	–	–	15,050.31
Peach	22,152.50	45,382.40	42,089.80	0.93	0.49	–	–3,292.60
Pear	46,390.59	172,608.43	88,142.13	0.51	0.27	3.72	–84,466.30
Plum	6,375	8,712.20	12,112.50	1.39	0.73	1.37	3,400.30
Quince	22,170.35	49,698.33	53,208.83	1.07	0.45	2.24	3,510.50
Pomegranate	33,366	32,619	93,455	2.87	1.02	0.97	60,836
Strawberry	64,153.33	805,376.30	121,891.33	0.15	0.08	12.55	–683,484.97
Sweet cherry	7,522	23,795.29	29,202.08	1.23	0.32	3.16	5,406.79
Walnut	794.40	23,992.54	14,679.52	0.61	0.03	30.20	9,313.02

<sup>a</sup>Almond (Beigi et al. 2016), apricot (Esengün et al. 2007), apple (Rafiee et al. 2010), banana (Akçaöz 2011), cherry (Kızılaslan 2009), grape (Koçtürk and Engindeniz 2009), kiwifruit (Mohammadi et al. 2010), lemon (Ozkan et al. 2004), mandarin (Ozkan et al. 2004), mulberry (Gökdoğan et al. 2017), nectarin (Qasemi-Kordkheili et al. 2013), orange (Ozkan et al. 2004), peach (Göktoğa et al. 2006), pear (Tabatabaie et al. 2013), plum (Baran et al. 2017a), pomegranate (Canakcı 2010), quince (Gündoğmuş 2013), strawberry (Banaeian et al. 2011), sweet cherry (Demircan et al. 2006) and walnut (Baran et al. 2017b)

<sup>b</sup>Average energy use efficiency: 1.76

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**Table 2** Energy consumption in fruit production

Product	Farmyard manure (ton ha <sup>-1</sup> )	Ratio (%)	Chemical fertilizers (kg ha <sup>-1</sup> )	Ratio (%)	Machinery (h ha <sup>-1</sup> )	Ratio (%)	Diesel fuel (l ha <sup>-1</sup> )	Ratio (%)
Almond	9	4.73	264.32	16.76	33.32	3.66	48.20	4.76
Apricot	15.15	16.03	290.46	30.06	32.38	7.09	67.87	13.34
Apple	25.20	17.65	182.68	12.31	57.83	8.47	166.39	21.88
Banana	37.43	21.78	248.25	9.61	1,095.30	20.58	40.93	4.47
Cherry	18.10	11.27	355.10	42	32.40	5	183.80	21
Grape	–	–	303	24.20	302	10.52	220	33.04
Kiwifruit	2.28	2.26	2,710.43	47.23	41.77	8.65	104.26	19.39
Lemon	3.31	1.58	789.10	49.68	8.64	0.86	344.40	30.79
Mandarin	2.12	1.31	559.50	45.79	12.65	1.62	254.70	29.37
Mulberry <sup>a</sup>	1.39	6.63	–	–	3.91	3.79	7.98	6.72
Nectarin	6	4.47	510.36	36.93	61.47	9.56	140.81	19.68
Orange	2.53	1.25	693.20	44.42	12.56	1.29	337.50	31.18
Peach <sup>b</sup>	1.33	8.88	42.64	35.56	1.64	2.34	16.86	20.92
Pear	8.25	1.43	113.84	2.38	–	–	45.80	1.22
Plum	–	–	150	44.99	16.50	12.27	28.75	18.58
Pomegranate	6.05	5.60	–	57.40	16.20	2	63.70	9.30
Quince	–	–	578.45	52.86	55.86	7.05	143.62	16.27
Strawberry	–	–	3,420.19	9.90	50.86	0.41	13,192.48	78.30
Sweet cherry	2.69	3.39	308.90	45.35	46.20	4.73	91	21.53
Walnut	0.14	0.18	467.29	74.40	23.75	6.41	39.60	9.29

<sup>a</sup>Organic production<sup>b</sup>unit/decar